

PTO FORM 4/92

FORM PTO - 1449
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION
DISCLOSURE STATEMENTATTY DOCKET 3477.95
APPLICANT: Aubin et al.
FILING DATE: March 29, 2002

SERIAL NO. 10/089,429

GROUP 1614

1047

UNITED STATES LETTERS PATENTS

Exr. Init.		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS
RD	1	5	8	4	0	6	9	0	Nov. 24, 1998	HOLICK	514	12
RD	2	5	7	1	0	0	0	4	Jan. 20, 1998	EVANS et al.	435	6
	3	5	5	7	1	6	9	6	Nov. 5, 1996	EVANS et al.	435	69.1

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS

OTHER ART (INCLUDING AUTHOR, TITLE DATE, PERTINENT PAGES, ETC.)

4.	Aubin, JE. et al., The Osteoblast Lineage, (1996), Principles of Bone Biology, Academic Press, San Diego, pp. 51-67.
5.	Bonnelye, E. et al., The ERR-1 Orphan Receptor is a Transcriptional Activator Expressed During Bone Development, (1997), Mol Endocrinol, v.11, pp. 905-916.
6.	Bonnelye, E. et al. Expression of the estrogen-related receptor 1 (ERR-1) orphan receptor during mouse development, (1997) Mechanisms of Development, v. 65, pp. 71-85.
7.	Bonnelye E. et al., The Orphan Receptor, Estrogen Related Receptor ERR α , is Differentially Expressed during Osteoblast Development and Regulates Bone Formation, (1999), Journal of Bone and Mineral Research, v. 14, p. S193.
8.	Braidman, JP. et al., Preliminary In Situ Identification of Estrogen Target Cells in Bone, (1995), Journal of Bone and Mineral Research, v. 10, pp. 74-80.
9.	Buckley, MF. et al., Expression and amplification of cyclin genes in human breast cancer, (1993), Oncogene, v. 8, pp. 2127-2133.
10.	Enmark, E. et al., Orphan Nuclear Receptors-The First Eight Years, (1996), Mol. Endocrinol., v.10, pp. 1293-1307.
11.	Giguère V. et al., Identification of a new class of steroid hormone receptor, (1988), Nature v. 331, pp. 91-94.
12.	Gronemeyer H. et al., Transcription factors 3: nuclear receptors; Protein profile, (1995), v. 2, pp. 1173-1308.
13.	Harris, SA. et al., Estrogens and Progestins, (1996), Principles of Bone Biology. Academic Press, San Diego, pp. 507-520.
14.	Hong, H. et al., Hormone-independent Transcriptional Activation and Coactivator Binding by Novel Orphan Nuclear Receptor ERR3, (1999), J. Biol. Chem, v. 274 (32), pp. 22618-22626.
15.	Hoyland, JA. et al., Effect of Ovarian Steroid Deficiency on Oestrogen Receptor α Expression in Bone, (1999), Journal of Pathology, v. 188 (3), pp. 294-303.
16.	Johnston, S.D., et al., Estrogen-Related Receptor α 1 Functionally Binds as a Monomer to Extended Half-Site Sequences Including Ones Contained Within Estrogen-Response Elements, (1997), Molecular Endocrinology, v. 11, pp. 342-352.
17.	Korach, K.S. Insights from the Study of Animals Lacking Functional Estrogen Receptor, (1994), Science, v. 266, pp. 1524-1527.
18.	Kuiper, G.G.J.M. et al., Cloning of a novel estrogen receptor expressed in rat prostate and ovary, (1996), Proc. Natl Acad. Sci. USA, v. 93, pp. 5925-5930.

Regina M. K. Beny 4/5/03



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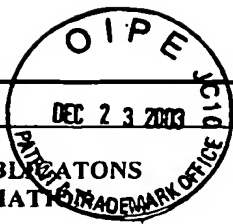
19.	Komm, BS, et al., Estrogen Binding, Receptor mRNA, and Biologic Response in Osteoblast-Like Osteosarcoma Cells, (1988), Science, v. 241, pp. 81-83.
20.	Malaval, L., et al., Kinetics of Osteoprogenitor Proliferation and Osteoblast Differentiation In Vitro, (1999), J. Cell. Biochem., v. 74, pp. 616-627.
21.	Onoe, Y, et al., Expression of Estrogen Receptor β in Rat Bone, (1997), Endocrinology, v. 138, No.10, pp. 4509-4512.
22.	Pacifici, R., Estrogen, Cytokines, and Pathogenesis of Postmenopausal Osteoporosis, (1996), Journal of Bone and Mineral Research, v. 11, No. 8, pp. 1043-1051.
23.	Sabbah, M, et al., Estrogen induction of the cyclin D1 promoter: Involvement of a cAMP response-like element, (1999), Proc Natl. Acad. Sci., v. 96, pp. 11217-11222.
24.	Shigeta, H., et al., The mouse estrogen receptor-related orphan receptor $\alpha 1$: molecular cloning and estrogen responsiveness, (1997), Journal of Molecular Endocrinology, v. 19, pp. 299-309.
25.	Sladek, R., et al., The Orphan Nuclear Receptor Estrogen-Related Receptor α Is a Transcriptional Regulator of the Human Medium-Chain Acyl Coenzyme A Dehydrogenase Gene, (1997), Mol.Cell.Biol., v. 17, pp. 5400-5409.
26.	Turner RT, et al., Skeletal Effects of Estrogen, (1994), Endocrine Reviews, v. 15, pp. 275-300.
27.	Vanacker, J-M. et al., Transcriptional targets shared by estrogen receptor-related receptors (ERRs) and estrogen receptor (ER) α , but not by Er β , (1999), The EMBO Journal v. 18, pp. 4270-4279.
28.	Vanacker, J-M. et al., Activation of the Osteopontin Promoter by the Orphan Nuclear Receptor Estrogen Receptor Related α^1 , (1998), Cell Growth Differ., v. 9, pp. 1007-1014.
29.	Vanderschueren et al., Aromatization of Androgens is Important for Skeletal Maintenance of Aged Male Rats, (1996), pp. 179-183.
30.	Vega, RB., et al., A Role for Estrogen-related Receptor α in the Control of Mitochondrial Fatty Acid β -Oxidation during Brown Adipocyte Differentiation, (1997), Journal of Biological Chemistry, v. 272, pp. 31693-31699.
31.	Wiley SR, et al., SV40 early-to-late switch involves titration of cellular transcriptional repressors, (1993), Genes and Development, v. 7, pp. 2206-2219.
32.	Windahl, SH, et al., Increased cortical bone mineral content but unchanged trabecular bone mineral density in female ER β ^{-/-} mice, (1999), Journal of Clinical Investigation, v. 104, pp. 895-901.
33.	Windahl, SH, et al., Cellular Distribution of Estrogen Receptor β in Neonatal Rat Bone, (2000), Bone, v. 26, pp. 117-121.
34.	Yang N. et al., Estrogen-related Receptor, hERR1, Modulates Estrogen Receptor-mediated Response of Human Lactoferrin Gene Promoter, (1996), J. Biol. Chem. v. 271, pp. 5795-5804.
35.	Zhang, Z., et al., Estrogen Receptor-related Receptor $\alpha 1$ Interacts with Coactivator and Constitutively Activates the Estrogen Response Elements of the Human Lactoferrin Gene, (2000), J. Biol. Chem., v. 275, pp. 20837-20846.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and no considered. Include copy of this form with next communication to applicant.

RM 10/25/05 4/5/05



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1	Ben-Hur et al., "Localization of Estrogen Receptors in Long Bones and Vertebrae of Human Fetuses," <i>Calcif Tissue Int</i> 53 91-96: (1993).
2	Denhardt et al., "Osteopontin Expression and Function: Role in Bone Remodeling," <i>Journal of Cellular Biochemistry Supplements</i> 30(31): 92-102 (1998).
3	Eriksen et al., "Evidence of Estrogen Receptors in Normal Human Osteoblast-Like Cells," <i>Science</i> 241 (84-86). 1988
4	Pettersson et al., "Expression of a novel member of estrogen response element-binding nuclear receptors is restricted to the early stages of chorion formation during mouse embryogenesis," <i>Mechanisms of Development</i> 54: 211-223 (1996).
5	Shi et al., "Human Estrogen Receptor-Like 1 (ESRL1) Gene: Genomic Organization, Chromosomal Localization, and Promoter Characterization," <i>Genomics</i> 44: 52-60 (1997).
6	Yang et al., "Modulation of Aromatase Expression in the Breast Tissue by ERR α -1 Orphan Receptor," <i>Cancer Research</i> 58: 5695-5700 (December 15, 1998).
7	Yang et al., "Two Organochlorine Pesticides, Toxaphene and Chlordane, Are Antagonists for Estrogen-related Receptor α -1 Orphan Receptor," <i>Cancer Research</i> 59: 4519-4524 (September 15, 1999).

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R.M. Koberg 4/5/05